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Federal Crop Insurance Corporation

Risk Management Agency

Product Administration and Standards Division

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(12-2011)

PROCESSING BEAN LOSS ADJUSTMENT STANDARDS HANDBOOK

2012 and Succeeding Crop Years

UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

TITLE: PROCESSING BEAN LOSS ADJUSTMENT STANDARDS HANDBOOK	**NUMBER: 25060 (11-2010)** **25060-1 (12-2011)**
EFFECTIVE DATE: 2012 and Succeeding Crop Years	**ISSUE DATE: December 8, 2011**
SUBJECT: **Provides procedures and instructions for administering the Processing Bean crop insurance program**	**OPI: Product Administration & Standards Division** **APPROVED: December 8, 2011** **/s/ Tim Hoffmann for Tim B. Witt** **Deputy Administrator for Product Management**

REASON FOR AMENDMENT

1. Added loss procedures throughout the handbook in regards to chickpea/garbanzo, large kabuli type beans, which are new insurable bean types in the 2012 SP for Walla Walla county Washington for the 2012 and succeeding crop years.

2. Updated language and tables throughout LASH to reflect accurate information based on national averages provided from the field, university studies, and the applicable RMA Regional Service Offices.

PROCESSING BEAN LOSS ADJUSTMENT STANDARDS HANDBOOK

CONTROL CHART

Processing Bean Loss Adjustment Standards Handbook						
	SC Page(s)	TC Page(s)	Text Page(s)	Reference Material	Date	Directive Number
Remove	1-2	1-2	7-16 19-20 25-26 31-42	43-47	11-2010	FCIC-25060
Insert	1-2	1-2	7-16.2 19-20 25-26 31-42	43-47	11-2011	FCIC-25060-1
Current Index	1-2	1-2	1-6 7-16.2 17-18 19-20 21-24 25-26 27-30 31-42	43-47	11-2011 11-2011 11-2010 11-2011 11-2010 11-2011 11-2010 11-2011 11-2010 11-2011 11-2011	FCIC-25060-1 FCIC-25060-1 FCIC-25060 FCIC-25060-1 FCIC-25060 FCIC-25060-1 FCIC-25060 FCIC-25060-1 FCIC-25060 FCIC-25060-1 FCIC-25060-1

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(4) Adjust all losses based upon the stage of growth on the date of damage.

STAGE	NAME OF STAGE	AVERAGE NUMBER OF DAYS IN STAGE	CHARACTERISTICS
--	Planted	7	Planting time up to the emergence of cotyledons at the soil surface.
V-1	Emergence	3	Cotyledons are above ground and have separated.
V-2	Seedling	10	Unifoliate leaves have expanded to a minimum of one inch across widest portion of each leaflet.
V-3	First Trifoliolate	5	All three leaflets of the first trifoliolate leaf are expanded to a minimum of one inch across the widest portion of each leaflet.
V-4	Second Trifoliolate	4	All three leaflets of the second trifoliolate leaf are expanded to a minimum of one inch across the widest portion of each leaflet.
V-5	Third Trifoliolate	3	All three leaflets of the third trifoliolate leaf are expanded to a minimum of one inch across the widest portion of each leaflet.
V-6	First Bloom	3	First few buds of blooms are showing. Plants show three to five trifoliolate leaves.
R-7	Early Bloom	3	Plant is blooming. Largest pods on plant are 1/4 inch long.
R-8	Full Bloom	4	Largest pods on plant are 1 inch in length.
R-9	Early Pod Set	3	Largest pods on plant are 1 ½ inches in length.
R-10	Pod Set	4	Pod set complete with largest pods on plant 2 inches in length.
R-11	Pod Developed	3	Pods on plant are longer than 2 inches but none have reached sieve size 5 (3/8-inch diameter).
R-12	Pre-Harvest	7	No more than 54 percent of the pods have reached sieve size 5.
R-13	Harvest	--	At least 55 percent of pods on plant have reached sieve size 5.

E. STAGES OF GROWTH - LIMA/BABY LIMA BEANS

(1) Node and seed pod development generally serve as a basis for determination of Lima/Baby Lima bean stage of growth.

(2) Stage determinations are based on at least 50 percent of the plants showing the appropriate characteristics (for bush, determinate types). The number of days between different stages will vary slightly between years and among varieties. Bean plants having the same number of nodes may show marked height differences in different geographical areas of production; plant size is largely controlled by environment.

(3) Nodes are counted when the leaves borne from them unfurl and the leaf edges no longer touch.

(4) Adjust all losses based upon the stage of growth on the date of damage.

STAGE	AVERAGE NUMBER OF DAYS IN STAGE	CHARACTERISTICS
Planted	10	From planting time up to the unfolding of the unifoliate leaves.
V-1	9	Completely unfolded unifoliate leaves.
V-2	8	Leaf edges no longer touch on leaves produced on node above unifoliate leaves.
V-3	3	Three nodes developed on main stem (including unifoliate leaf node). Secondary branching begins to show from branch of V-1.
V-4/V-11	--	A new node on the main stem each 3 days. Blossom clusters not visibly open. These stages can vary in number.
R-1	3	One blossom is open at any node (usually node 2 or 3).
R-2	3	Pods ½ inch long at first blossom position.
R-3	3	Pods 1 inch long at first blossom position. Secondary branching at all nodes. Plant is in ½ bloom and becoming more dense, not taller.
R-4	5	Pods up to 3 inches long with non-discernable seeds.
R-5	2	Pods 3 to 4 inches long with discernable seeds.
R-6	6	Seeds at least 1/4 inch over widest portion.
R-7	18	Pods developing over whole plant, with older pods developing seeds.
R-8	15	Leaves yellowing over ½ of plant. Maximum production has been reached. Axils of secondary branches may contain a few small pods which may be drying.
R-9	--	Mature; 80 percent of pods showing yellow color. Pods mostly ripe. Only 40 percent of leaves are still green.

F. STAGES OF GROWTH - CHICKPEA/GARBANZO, LARGE KABULI BEANS

(1) Leaf count and seed pod development generally serve as a basis for determination of Chickpea/Garbanzo, Large Kabuli bean stage of growth.

(2) Stage determinations are based on at least 50 percent of the plants showing the appropriate characteristics. The number of days between different stages will vary slightly between years and among varieties.

(3) Adjust all losses based upon the stage of growth on the date of damage.

STAGE	AVERAGE NUMBER OF DAYS IN STAGE	CHARACTERISTICS
V-E	8-10	Seedling emergence.
V-1	4	The first leaf has unfolded from the stem.
V-2	6	The second leaf has unfolded from the stem.
V-3	2	The third leaf has unfolded from the stem.
V-4	2	The fourth leaf has unfolded from the stem.
V5-V9	--	A new leaf unfolds from the stem each 2 days. These stages can vary in number.
R-1	19	Early bloom, one open flower on the plant.
R-2	8	Full bloom, most flowers on the plant are open.
R-3	8	Early pod visible.
R-4	4	Flat pod, pod has reached its full size and is largely flat.
R-5	3	Early seed, seed in any single pod fills the pod cavity.
R-6	5	Full seed, seed fills the pod cavity, which is rounded and ready for green harvest.
R-7	--	Leaves start yellowing and 50% of the pods on the plant are yellow.
R-8	--	90% of pods on the plant are golden-brown (harvest maturity).

6. APPRAISAL METHODS

A. GENERAL INFORMATION

These instructions provide information on appraisal methods for:

Appraisal Method...	**Use...**
Stand Reduction Method	Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli – Stages V-1 through R-5 Snap Beans – Stages V-1 through R-8
After Podding Method	Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli - After beans can be counted (Stage R-6)
Representative Strip Sampling	Snap Beans - Stage R-9

If the reduction in stand is solely due to non-emerged seed due to insufficient soil moisture, do not complete appraisals prior to the time specified in the LAM. Refer to the paragraph in the LAM regarding deferred appraisals and non-emerged seed.

B. STAND REDUCTION APPRAISAL METHOD

Use this method to determine potential production from emergence until the processing beans have substantial podding.

(1) Samples consist of 1/1000 acre.

(2) This method is based on the number of surviving plants in a designated sample row length compared with a desirable plant stand, allowing adjustments to the appraisal for insured damage to leaves and pods. The APH yield is used as the base yield for appraisal purposes.

(3) For the V1 through R5 growth stages for Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli beans or the V1 through R8 growth stages for Snap beans, a "Stand Reduction Chart" is used to determine the percent of potential remaining. Snap beans have less ability to recover from damage so separate stand reduction charts **TABLES C** and **D** are provided.

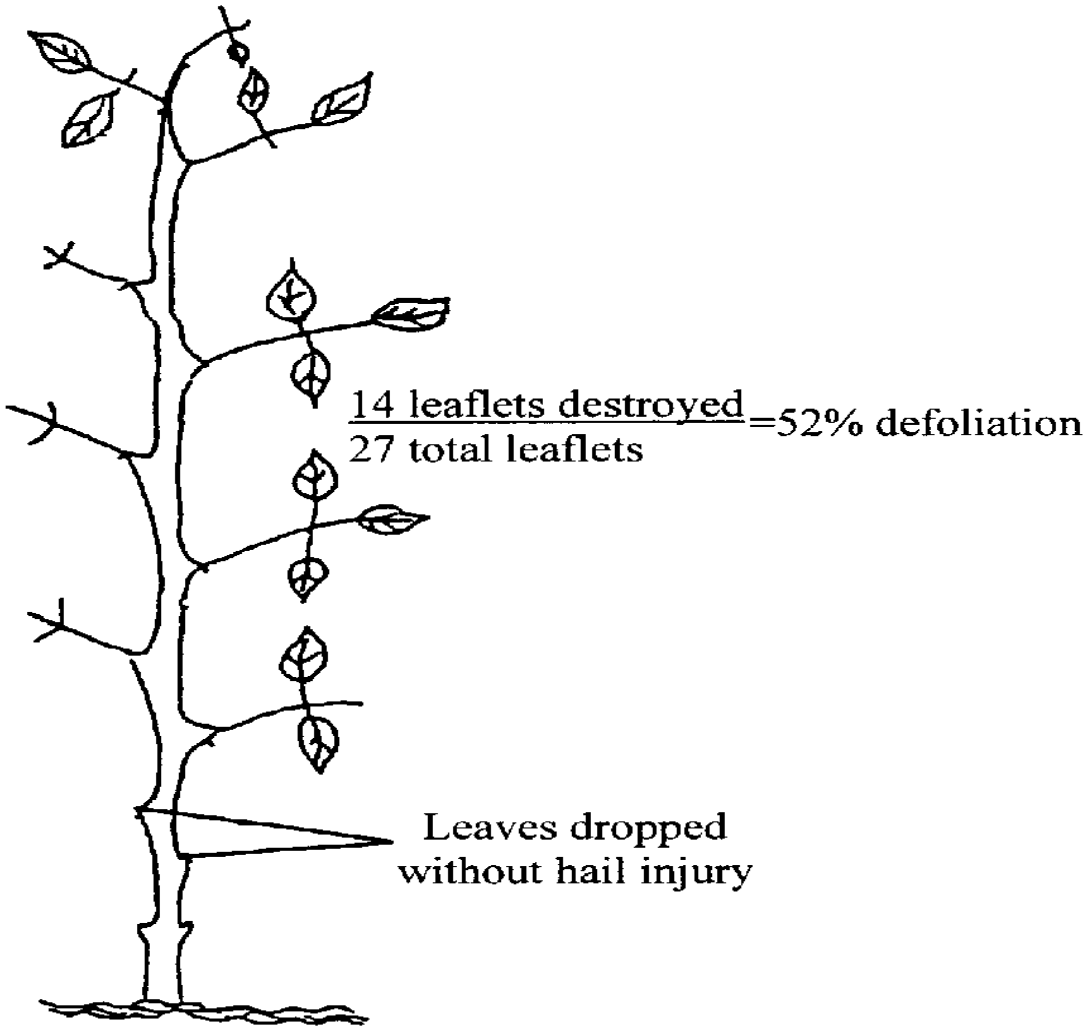
C. HAIL DAMAGE SUPPLEMENTAL INSTRUCTIONS

Hail-damaged beans deteriorate rapidly, requiring a preliminary evaluation within 3 to 5 days of damage. Final appraisal will be deferred a minimum of 7 days after damage to allow for accurate damage assessment for the remaining plants and pods. On the preliminary visit, loss of complete plants and their associated pods, pods knocked from plants, and plant defoliation losses should be documented.

EXAMPLE 1:

DEFOLIATION - The percentage of the trifoliolate leaf area exposed at the date of the storm that is destroyed by hail.

Leaf area can be destroyed by damage to trifoliolate leaves that remain on the plant, and by removal of individual leaves or leaflets. Leaflets or trifoliolate leaves above the point on the stem where it is cut off or broken are not considered defoliation.



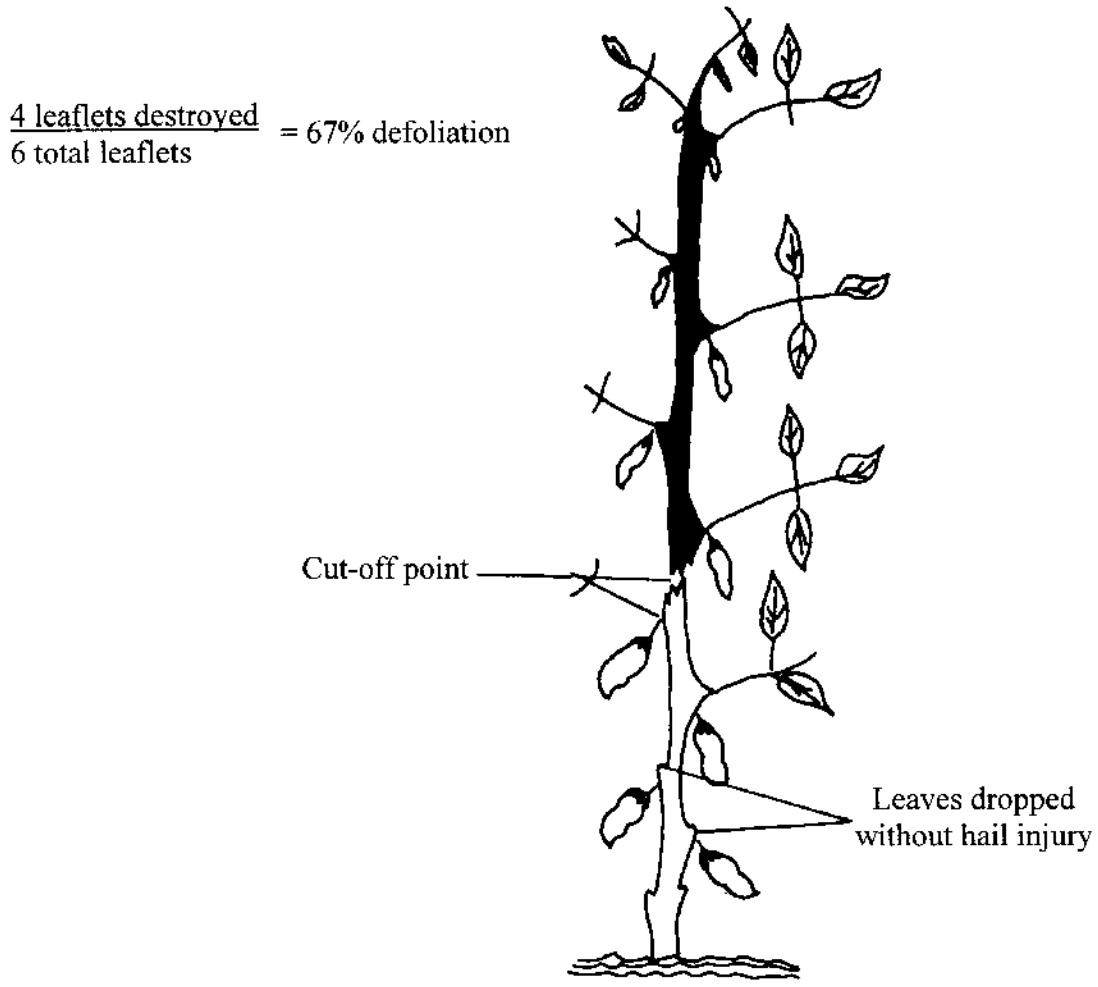
EXAMPLE 2:

DEFOLIATION - Leaf area destroyed is only evaluated in stages V-1 through R-7 for Lima/Baby Lima beans, stages V-1 through R-6 for Chickpea/Garbanzo, Large Kabuli beans, and stages V-1 though R-12 for Snap beans.

Only leaves below the cut off point should be evaluated for leaf area destroyed.

The part of the stem that has been cut off should be evaluated as direct damage. Leaf area on the cut off part of the stem should not be considered as leaf area destroyed.

EXAMPLE: Plant cut off at stage R-2 for Lima beans, and R-7 for Snap beans. The part of the plant that should be evaluated as pod loss (direct damage) is darkened.



D. AFTER PODDING APPRAISAL METHOD

Use this method to appraise Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli beans after pods have been set and beans can be counted (Stage R-6). It is based on the actual number of plants, pods, and beans in a designated sample row length.

(1) Sample size is 1/2000 of an acre.

(2) Determine the average number of pods per plant and seeds per pod from 10 consecutive representative plants.

(3) Convert these counts, with the use of appropriate factors, from **TABLE G**, to appraised tons per acre.

E. REPRESENTATIVE STRIP SAMPLING

SNAP BEANS IN STAGE R-9 OR LATER WILL BE ADJUSTED BASED ON REPRESENTATIVE SAMPLES HARVESTED BY THE PROCESSOR.

Snap beans may be harvested anywhere from sieve size 2 to sieve size 5 (depending on processor needs) creating a wide variation in harvested tonnage potential even though the number of pods produced may be the same. Sample harvests are to be made when the majority of the beans are of the stage on which the APH yield (and subsequent guarantee) is based. If processor sample harvesting is not possible, the adjuster must hand-harvest representative samples. Document parameters of processor sample harvest or adjuster harvest on a Special Report. For hand-harvest, use 1/2000 acre sample size as indicated above.

7. APPRAISAL DEVIATIONS AND MODIFICATIONS

A. DEVIATIONS

Deviations in appraisal methods require RMA written authorization (as described in the LAM) prior to implementation.

B. MODIFICATIONS

There are no pre-established appraisal modifications contained in this handbook. Refer to the LAM for additional information.

8. APPRAISAL WORKSHEET ENTRIES AND COMPLETION PROCEDURES

A. APPRAISAL WORKSHEET FORM STANDARDS

(1) The entry items in section 8C are the minimum requirements for the Processing Bean Appraisal Worksheets used for all Processing Bean appraisal methods. All entry items are "Substantive," (i.e., they are required).

(2) Appraisal worksheet completion instructions. The completion instructions for the required entry items on the appraisal worksheet in the following sections are "Substantive," (i.e., they are required).

(3) The Privacy Act and Non-Discrimination statements are required statements that must be printed on the form or provided to the insured as a separate document. These statements are not shown on the example form in this section. The current Non-Discrimination Statement and Privacy Act Statement can be found on the RMA website at http://www.rma.usda.gov/regs/required.html or successor website.

(4) Refer to the DSSH for other crop insurance form requirements (e.g., font point size, etc.).

B. GENERAL INFORMATION FOR WORKSHEET ENTRIES AND COMPLETION INSTRUCTIONS

(1) Include the AIP's name in the appraisal worksheet title if not preprinted on the AIP's worksheet or when a worksheet entry is not provided.

(2) Include the claim number on the appraisal worksheet (when required by the AIP), when a worksheet entry is not provided.

(3) Separate appraisal worksheets must be completed for each unit appraised and for each field or subfield including fields or subfields with differing base (APH) yield or farming practice (applicable to preliminary and final claims). Refer to section 5, herein, for sampling requirements.

(4) The following instructions show the required entries for Snap Beans, Limas, and Baby Limas.

(5) Standard appraisal worksheet items are numbered consecutively in section 8C below. Example appraisal worksheets are provided to illustrate how to complete all entries, except the last three items on the appraisal worksheet.

C. WORKSHEET ENTRIES AND COMPLETION INFORMATION

(1) STAND REDUCTION AND HAIL APPRAISALS

Verify or make the following entries:

Item No.	Information Required
	Company: Name of AIP, if not preprinted on the worksheet (Company Name).
	Claim Number: Claim number as assigned by the AIP.
1.	**Insured's Name:** Name of the insured that identifies EXACTLY the person (legal entity) to whom the policy is issued.

2. **Policy No.:** Insured's assigned policy number.

3. **Unit No.:** Unit number from the Summary of Coverage after it is verified to be correct.

4. **Crop/Variety:** P-Beans with Lima, Baby Lima, Snap, or Chickpea/Garbanzo, Large Kabuli plus specific variety name.

5. **Crop Year:** Four-digit crop year, as defined in the policy, for which the claim is filed.

6. **Row Width:** Row width to nearest inch. Refer to section 5C for row width determination information.

7. **Length Row Per 1/1000:** Sample row length required for 1/1000 acre. Refer to **TABLE B** for sample row length requirements.

8. **Field ID:** Field or subfield identification symbol.

9. **Acres:** Number of determined acres, to tenths, in field or sub-field being appraised.

10. **Stage of Growth:** Stage of growth at time of inspection.

11. **Stage at Damage:** Stage of growth at time of damage.

STAND REDUCTION

12. **Deferred:** If appraisal must be deferred for hail-damage assessment, freeze damage, etc., (for stand reduction) place "X" in this item. Refer to section 6C.

13. **Normal Stand 1/1000 Ac.:** Determine by counting the potential (living, dead, missing or non-emerged) plants in a length of row equivalent to 1/1000 acre.

14. **Surviving Plants 1/1000 Ac.:** Number of surviving plants in a length of row equivalent to 1/1000 acre.

15. **Surviving Plants/Ft.:** Item 14 divided by item 7, to tenths.

16. **Desired Plants/Ft.:**

    a. If the Normal Stand (item 13), reflects the population from which the base yield was derived, enter the result of dividing item 13 by Length Row Per 1/1000 Acre (item 7), rounded to tenths.

    b. If item 13 **DOES NOT REFLECT** the population from which the historical APH yield could reasonably have been established and the "Normal Stand" differs significantly from similar fields in the area, enter the default value for "Desirable Bean Stand (per foot of row)" from **TABLE B**. Document reasons(s) for use of the default value in "Notes and Calculations" (item 36).

17. **% Plants Remaining:** Compare Surviving Plants/Ft. (item 15) and Desired Plants/Ft. (Item 16).

a. If item 15 equals or exceeds item 16, THERE IS NO LOSS DUE TO STAND REDUCTION. Enter "100." Excessive stand may contribute to loss.

b. If item 16 exceed item 15, divide item 15 by item 16, multiply by 100 and round to the nearest whole percentage.

18. **% Stand Loss:** Enter the percent of loss from **TABLE C** for Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli Beans **OR TABLE D** for Snap Beans, as applicable, utilizing Stage at Damage (item 11) and % Plants Remaining (item 17). Interpolate to the nearest whole percent.

Interpolation Example - Using **TABLE C** and assuming an R4 stage. These interpolation instructions also apply to **TABLES D**, **E**, and **F**.

For 63%, stand remaining, Stage R 4, **TABLE C** (for Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli Beans):

a. On **TABLE C** in the "Percent Stand remaining" column there are 10 places between 60% and 70% and there are 3 places between 63% the actual stand remaining and 60% on the table.

b. Thus, **63 - 60 = 3.** Then: **3 ÷ 10** (places between 60% and 70% on the table.) = **.3**.

c. 63% (stand remaining) is .3 of the difference between 60% and 70% in the Percent Stand Remaining column on **TABLE C.**

d. **.3 x 8** (**TABLE C,** Stage R 4 Percent Loss 60% = 31 and Percent Loss for 70% = 23. Thus, 31-23 = 8) = **2.4**.

e. **31%** (**TABLE C**, Stage R 4 Percent Loss for 60% Stand remaining) **- 2.4 = 28.6** (rounded to **29** Percent of Loss entered in item 18 of the Appraisal Worksheet).

19. **% Crop Potential Remaining:** Percent of crop potential remaining after stand reduction. 100 percent minus % Stand Loss (item 18).

POD DAMAGE

AFTER R-2 STAGE FOR LIMAS/BABY LIMAS, R-3 STAGE FOR CHICKPEA/GARBANZO, LARGE KABULI, OR R-7 STAGE FOR SNAP BEANS

20. **Total No. Pods 10 Plants:** Enter the number of pods originally on 10 consecutive representative plants. Include those pods from plants entirely destroyed as well as pods removed through an insurable cause (hail, uncontrollable insects, etc.). If a normal number of pods are not produced due to an insurable cause, enter the normal number of pods from **TABLE H** for the appropriate type.

21. **No. Pods Damaged 10 Plants:** Enter the number of pods destroyed which were included in Total No. Pods 10 Plants (item 20). In addition to actual pods removed, record the number of pods which were not produced due to an uninsurable cause.

    a. For Snap Beans, include the number of pods bruised to the extent they are not acceptable for processing.

    b. For Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli beans, shell the damaged pods to determine the extent of damage. Pod damage may cause rotting of adjacent beans. Count partially destroyed pods only to the extent they are damaged, i.e., if 3 damaged pods equate to one good pod, the damaged pods are counted on a 2-for-3 basis. INCLUDE ONLY BEANS DAMAGED DUE TO INSURABLE CAUSES.

22. **Gross Pod Damage %:** Enter the result, of dividing item 21 by item 20, multiplied by 100, rounded to whole percent.

23. **Net Pod Damage %:** Item 22 multiplied by item 19, divided by 100 (to tenths of a percent). This corrects the percent of pod damage to equate to the remaining plant population.

24. **Total % Direct Damage:** Item 18 plus item 23, to tenths of a percent.

25. **% Crop Potential Remaining:** 100 percent minus item 24.

DEFOLIATION

26. **% Leaf Area Destroyed 10 Plants:** Determine and enter, to whole percent, the average leaf area destroyed on 10 consecutive plants which was due to insurable causes. Refer to section 6C.

27. **Adjusted Defoliation %:** Utilizing the entries in Stage at Damage (item 11) and % Leaf Area Destroyed 10 Plants (item 26), determine and enter the percent damage due to defoliation from the appropriate defoliation chart, **TABLE E** for Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli beans **OR TABLE F** for Snap beans. Interpolate to the nearest whole percent.

28. **Defoliation % Net Loss:** Item 25 times item 27, divided by 100 (to tenths of a percent). If there is no entry in item 25, multiply item 27 by item 19 and utilize as above.

29. **% Indirect and Direct Damage:** Item 24 plus item 28, to tenths of a percent, for total damage percent.

30. **% Crop Potential Remaining:** 100 minus item 29 to obtain percent of crop remaining.

31. **Base Yield (Tons to Tenths):** "APH yield" from the APH form.

32. **Appraisal for Sample (Tons to Tenths):** Item 30 times item 31, in tons to tenths, divide by 100 and round to the nearest tenths.

(RESERVED)

(2) AFTER PODDING APPRAISALS (Lima/Baby Lima, Chickpea/Garbanzo, Large Kabuli Beans)

PART II (used from stage R-6 to maturity)

Verify or make the following entries:

Item No.	Information Required
	Company: Name of AIP, if not preprinted on the worksheet (Company Name).
	Claim Number: Claim number as assigned by the AIP, if required.
1.	**Insured's Name:** Name of the insured that identifies EXACTLY the person (legal entity) to whom the policy is issued.
2.	**Contract No.:** Insured's assigned policy number.
3.	**Unit No.:** Unit number from the Summary of Coverage after it is verified to be correct.
4.	**Crop:** P-Beans, with Lima, Baby Lima, Chickpea/Garbanzo, Large Kabuli entered below.
5.	**Crop Year:** Four-digit crop year, as defined in the policy, for which the claim is filed.
6.-17.	MAKE NO ENTRY.
18.	**Field ID and Acres:** Field or subfield identification symbol and determined acres, to tenths, in field or subfield being appraised.
19.	**Row Space:** Row space (average space in inches). Refer to section 5C for row width determination. Use 1/2000 of an acre (**TABLE B**).
20.	**Plants Per Sample Row:** Number of plants per sample.
21.	**Average Pods Per Plant:** Average number of pods per plant from 10 consecutive, representative plants in each sample, rounded to whole pods.
22.	**Average Beans Per Pod:** Average number of beans per pod for pods counted for item 21, rounded to whole beans.
23.	**Sample Totals:** Product of multiplying the plants per sample (item 20) by the average number of pods per plant (item 21), then multiplying the result by the average number of beans per pod (item 22) for each sample. Round the final calculation to tenths.
24.	**Total All Samples:** Total of all entries in item 23, in tenths.

25. **No. Samples:** Enter the number of samples taken.

26. **Total Average Beans Per Sample:** Item 24 divided by item 25 (to tenths).

27. **Sq. Ft. Factor:** Enter the square foot factor (21.8 for 1/2000 acre sample).

28. **Beans Per Sq. Ft.:** Result of dividing the total average beans per sample (item 26) by the square foot factor (item 27), rounded to the nearest tenth.

29. **Yield Factor:** Yield factor for varietals group (type) from **TABLE G**.

30. **Pounds Per Acre Appr.:** Line out "POUNDS" and enter "TONS" in the heading. Enter the result of dividing the beans per square foot (item 28) by the yield factor for the variety (item 29), rounded to the nearest tenth of a ton.

31. **Remarks:** Remarks pertinent to the appraisal, sampling, conditions in general (e.g. - very hot and dry), etc.

The following required entries are not illustrated on the appraisal worksheet example below.

32. **Insured's Signature and Date:** Insured's (or insured's authorized representative) signature and date. BEFORE obtaining the signature, REVIEW ALL ENTRIES on the appraisal worksheet WITH THE INSURED (or insured's authorized representative), particularly explaining codes, etc., which may not be readily understood.

33. **Adjuster's Signature, Code Number, and Date:** Signature of adjuster, code number, and date signed **after** the insured (or insured's authorized representative) has signed. If the appraisal is performed prior to signature date, document the date of appraisal date in Remarks section of the Appraisal Worksheet (if available); otherwise, document the appraisal date in the "Narrative" of the Production Worksheet.

34. **Page:** Page Number's (Example Page 1 of 1, Page 1 of 2, Page 2 of 2, etc.)

PROCESSING BEANS Appraisal Worksheet Representative Strip Sampling (For Illustration Purposes Only)	COMPANY: ANY COMPANY CLAIM NO.: XXXXX	1. Insured's Name I.M. INSURED		2. Policy Number XXXXXXX	
	3. Unit No: 0001-0003-BU	4. Crop P. BEANS, SNAP	5. Field ID 1A	6. Crop Year YYYY	7. Acres 10.0	8. Row Width 28 inch

PART I - MACHINE HARVEST

9. Sample No.	10. Row Length		11. Row Width in Feet		12. Sq. Ft. Per Sample		13. Sq. Ft. Per Acre		14. Fraction of Acre	15. Lbs. Harvested	16. Lbs. Per Acre (15 ÷ 14)	18. No. Samples	19. Average Lbs. Per Acre	20. Tons Per acre (19 ÷ 2000 Lbs.)
1	500 ft.	×	7.00	=	3,500	÷	**43,560**	=	.0803	200.0	2,490.7			
2	500 ft.	×	7.00	=	3,500	÷	**43,560**	=	.0803	190.0	2,366.1			
3	500 ft.	×	7.00	=	3,500	÷	**43,560**	=	.0803	210.0	2,615.2			
4		×		=		÷	**43,560**	=						
5		×		=		÷	**43,560**	=						
6		×		=		÷	**43,560**	=						
										17. TOTAL	7,472.0	3	2,490.7	1.2

21. Narrative

PART II - HAND HARVEST

22. Sample Size	23. Lbs. in Samples			24. Total Lbs. All Samples		25. No. of Samples		26. Average Lbs.		27. Portion of an Acre		28. Lbs./Acre in Sample		29. Lbs. Per Ton		30. Tons Per Acre
1/1000	1.5	3.5	4.1	15.3	÷	6	=	2.6	×	1,000	=	2,600	÷	**2,000**	=	1.3
	1.6	2.1	2.5													
					÷		=		×		=		÷	**2,000**	=	

This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).

9. CLAIM FORM ENTRIES AND COMPLETION PROCEDURES

A. CLAIM FORM STANDARDS

(1) The entry items in section 9C are the minimum Claim Form (hereafter referred to as "Production Worksheet") requirements. All of these entry items are considered "Substantive," (i.e., they are required.)

(2) Production Worksheet completion instructions. The completion instructions for the required entry items on the Production Worksheet in the following sections are "Substantive," (i.e., they are required.)

(3) The Privacy Act and Non-Discrimination statements are required statements that must be printed on the form or provided to the insured as a separate document. These statements are not shown in the example form in this section. The current Non-Discrimination Statement and Privacy Act Statement can be found on the RMA website at http://www.rma.usda.gov/regs/required.html or successor website.

(4) The certification statement required by the current DSSH must be included on the form directly above the insured's signature block and immediately followed by the statement below.

"I understand the certified information on this Production Worksheet will be used to determine my loss, if any, to the above unit. The AIP may audit and approve this information and supporting documentation. The Federal Crop Insurance Corporation, an agency of the United States, subsidizes and reinsures this crop insurance."

(5) Refer to the DSSH for other crop insurance form requirements (e.g., point size of font, etc.)

B. GENERAL INFORMATION FOR WORKSHEET ENTRIES AND COMPLETION INSTRUCTIONS

(1) The Production Worksheet is a progressive form containing all notices of damage for all preliminary and final inspections, including "No Indemnity Due" claims, on a unit.

(2) If a Production Worksheet has been prepared on a prior inspection, verify each entry and enter additional information as needed. If a change or correction is necessary, strike out all entries on the line and re-enter correct entries on a new line. The adjuster and insured should initial any line deletions.

(3) Refer to the LAM for instructions regarding the following:

(a) Acreage report errors.

(b) Delayed notices and delayed claims.

17. **Multi-Crop Code:**

PRELIMINARY AND FINAL: The applicable two-digit code for first crop and second crop. REFER TO THE LAM FOR INSTRUCTIONS REGARDING ENTRY OF FIRST CROP AND SECOND CROP CODES.

18. **Reported Acres:** In the event of over-reported acres, handle in accordance with the individual AIP's instructions. In the event of under-reported acres, enter the reported acres to tenths for the field or sub field. If there are no under-reported acres MAKE NO ENTRY.

19. **Determined Acres:** Refer to the LAM for definition of acceptable determined acres used herein. Enter the determined acres to tenths for the field or subfield for which consent is given for other use and/or:

a. Put to other use without consent;
b. Abandoned;
c. Damaged by uninsured causes;
d. For which the insured failed to provide acceptable records of production.

Refer to the LAM for procedures regarding when estimated acres are allowed and documentation requirements.

PRELIMINARY AND FINAL: Determined acres to tenths. Acreage breakdowns WITHIN a unit or field may be estimated (refer to the LAM) if a determination is impractical.

ACCOUNT FOR ALL PLANTED ACREAGE IN THE UNIT.

20. **Interest or Share:** Insured's interest in the crop to three decimal places as determined at the time of inspection. If shares vary on the same UNIT, use separate line entries.

21. **Risk:** Three-digit code for the correct "Rate" specified on the actuarial document maps. If a "Rate" or "High Risk Area" is not specified on the actuarial document maps, make no entry. Verify with the Summary of Coverage and if the "Rate" is found to be incorrect, revise according to the AIP's instructions. Refer to the LAM.

Unrated land is uninsurable without a written agreement.

22. **Type:** Three-digit code number, entered exactly as specified on the actuarial documents for the type grown by the insured. If "No Type Specified" is shown in the actuarial documents, enter the appropriate three-digit code number from the actuarial documents (e.g., 997). If a type is not specified on the actuarial documents, MAKE NO ENTRY.

23. **Class:** Three-digit code number, entered exactly as specified on the actuarial documents for the class grown by the insured. If "No Class Specified" is shown in the actuarial documents, enter the appropriate three-digit code number from the actuarial documents (e.g., 997). If a class is not specified on the actuarial documents, MAKE NO ENTRY.

24. **Sub-Class:** Three-digit code number, entered exactly as specified on the actuarial documents for the sub-class grown by the insured. If "No Sub-Class Specified," is shown in the actuarial documents, enter the appropriate three-digit code number from the actuarial documents (e.g., 997). If a sub-class is not specified on the actuarial documents, MAKE NO ENTRY.

25. **Intended Use:** Three-digit code number, entered exactly as specified on the actuarial documents for the intended use of the crop grown by the insured. If "No Intended Use Specified" is shown in the actuarial documents, enter the appropriate three-digit code number from the actuarial documents (e.g., 997). If an intended use is not specified on the actuarial documents, MAKE NO ENTRY.

26. **Irr. Practice:** Three-digit code number, entered exactly as specified on the actuarial documents for the irrigated practice carried out by the insured. If "No Irrigated Practice Specified" is shown in the actuarial documents, enter the appropriate three-digit code number from the actuarial documents (e.g., 997). If an irrigated practice is not specified on the actuarial documents, MAKE NO ENTRY.

27. **Cropping Practice:** Three-digit code number, entered exactly as specified on the actuarial documents for the cropping practice (or practice) carried out by the insured. If "No Cropping Practice Specified" or "No Practice Specified" is shown in the actuarial documents, enter the appropriate three-digit code number from the actuarial documents (e.g., 997). If a cropping practice (or practice) is not specified on the actuarial documents, MAKE NO ENTRY.

28. **Organic Practice:** Three-digit code number, entered exactly as specified on the actuarial documents for the organic practice carried out by the insured. If "No Organic Practice Specified" is shown in the actuarial documents, enter the appropriate three-digit code number from the actuarial documents (e.g., 997). If an organic practice is not specified on the actuarial documents, MAKE NO ENTRY.

29. **Stage:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Stage abbreviation as shown below.

STAGE	**EXPLANATION**
"P"	Acreage abandoned without consent, put to other use without consent, damaged solely by uninsured causes, or for which the insured failed to provide acceptable records of production, which are acceptable to the AIP.
"H"	Harvested.
"HD"	Harvested as dry (ONLY applies to Chickpea/Garbanzo, Large Kabuli beans harvested as dry chickpeas)
"UH"	Unharvested or put to other use without consent.
"UB"	Acreage bypassed, solely due to insured causes.
"PB"	Acreage bypassed, solely due to uninsured causes

PREVENTED PLANTING: Refer to the Prevented Planting Handbook for proper codes for any eligible prevented planting acreage.

GLEANED ACREAGE: Refer to the LAM for information on gleaning.

30. **Use of Acreage:** Use the following "Intended Use" abbreviations.

USE	EXPLANATION
"To Millet," etc.	Other use made of the acreage
"WOC"	Other use without consent
"SU"	Solely uninsured
"ABA"	Abandoned without consent
"H"	Harvested
"HD"	Harvested as dry (ONLY applies to Chickpea/Garbanzo, Large Kabuli beans harvested as dry chickpeas)
"UH"	Unharvested
"Bypassed"	Bypassed by the processor

Verify any preliminary "Intended Use" entry. If the final use of the acreage was not as indicated, strike out the original line and initial it. Enter all data on a new line showing the correct "Final Use."

PREVENTED PLANTING: Refer to the Prevented Planting Handbook for proper codes for any eligible prevented planting acreage.

GLEANED ACREAGE: Refer to the LAM for information on gleaning.

31. **Appraised Potential:** Enter the tons per acre, to tenths, from the appraisal worksheet for the field or subfield. Refer to section 5, "Processing Bean Appraisals" for additional instructions.

If there is no potential on UH acreage, enter "0." Refer to paragraph 85 in the LAM for procedures for documenting zero yield appraisals.

a. For unharvested acreage that is bypassed by the processor due to INSURED causes of loss; no appraised potential production to count should be shown on the Claim Form. Consistent with the Production Worksheet, no production to count will be used for APH purposes.

b. For unharvested acreage, or acreage that is bypassed when NO insured cause of loss prevented the processor from harvesting, the potential production must be appraised and counted as production against the guarantee and for APH purposes.

c. When consent is given to harvest as dry because the acreage has been bypassed by the processor, and the acreage remains unharvested, the potential production must be appraised on a dry chickpea basis and converted to the Chickpea/Garbanzo, Large Kabuli bean green weight equivalent and counted as production against the guarantee and for APH purposes.

32a.-32b. MAKE NO ENTRY

33. **Shell %, Factor, or Value:** For Chickpea/Garbanzo, Large Kabuli beans ONLY (if consent has been given to harvest as dry): In the column heading, cross out "Shell %" and "Value" and enter 2.0 to determine the Chickpea/Garbanzo, Large Kabuli bean green weight equivalent. Otherwise, MAKE NO ENTRY.

34. **Production Pre QA:**

PRELIMINARY, REPLANT, AND FINAL: Result of multiplying column 19 times column 31, times column 33 (if applicable), and round the result to tenths. If no entry in column 31, MAKE NO ENTRY.

35. **Quality Factor:** MAKE NO ENTRY

36. **Production Post QA:** Transfer entry from column 34.

37. **Uninsured Causes:**

PRELIMINARY AND FINAL: Result of per acre appraisal for uninsured causes (taken from appraisal worksheet or other documentation) multiplied by column 19, rounded in tons, to tenths. Refer to the LAM for information on how to determine uninsured cause appraisals. If no uninsured causes, MAKE NO ENTRY.

a. Hail and Fire exclusion NOT in effect.

(1) Enter the result of multiplying column 19 entry by NOT LESS than the insured's production guarantee per acre in tons, to tenths, for the line, (calculated by multiplying the elected coverage level percentage times the approved APH yield per acre shown on the APH form) for any "P" stage acreage.

(2) On preliminary inspections, advise the insured to keep the harvested production from any acreage damaged SOLELY by uninsured causes separate from other production.

(3) For acreage that is damaged PARTLY by uninsured causes, enter the result of multiplying the APPRAISED UNINSURED loss of production per acre in tons, to tenths, by column 19 entry for any such acreage.

b. When there is late-planted acreage, the applicable per-acre production guarantee for such acreage is the production guarantee that has been reduced for late-planted acreage.

c. Refer to the LAM when a Hail and Fire Exclusion is in effect and damage is from hail or fire.

d. Enter the result of adding uninsured cause appraisals to hail and fire exclusion appraisals.

e. For fire losses, if the insured also has other fire insurance (double coverage), refer to the LAM.

38. **Total to Count:**

PRELIMINARY AND FINAL: Result of adding item 36 and item 37.

39. **Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total determined acres (column 19), to tenths.

40. **Quality:** Check "None."

41. **Mycotoxins exceed FDA, State, or other health organization maximum limits?** MAKE NO ENTRY.

42. **Totals:** Total of entries in columns 34, 36, 37 and 38. If a column has no entries, MAKE NO ENTRY.

NARRATIVE:

If more space is needed, document on a Special Report, and enter "See Special Report." Attach the Special Report to the Production Worksheet.

a. If no acreage is released on the unit, enter "No acreage released," adjuster's initials, and date.

b. If notice of damage was given and "No Inspection" is required, enter "No Inspection," the unit number(s), date, and adjuster's initials (do not enter unit numbers for which notice has not been given). The insured's signature is not required.

c. Explain any uninsured causes, unusual, or controversial cases.

d. If there is an appraisal in Section I, column 37 for uninsured causes due to hail/fire exclusion, show the original hail/fire liability per acre and the hail/fire indemnity per acre.

e. Document the actual appraisal date if an appraisal was performed prior to the adjuster's signature date on the appraisal worksheet, and the date of the appraisal is not recorded on the appraisal worksheet.

f. State that there is "No other fire insurance" when fire damages or destroys the insured crop and it is determined that the insured has no other fire insurance. Refer to the LAM.

g. Explain any errors found on the Summary of Coverage.

h. Explain any commingled production. Refer to the LAM.

i. Explain any entry for "Production Not to Count" in Section II, column 62 and/or any production not included in Section II, column 56 or columns 49-52 entries (e.g., harvested production from uninsured acreage that can be identified separately from the insured acreage in the unit).

j. Explain a "NO" checked in item 44, "Damage Similar to Other Farms in the Area?"

k. Attach a sketch map or aerial photo to identify the total unit:

(1) If consent is or has been given to put part of the unit to another use;
(2) If uninsured causes are present; or
(3) For unusual or controversial cases.

Indicate on the sketch map or aerial photo, the disposition of acreage destroyed or put to other use with or without consent.

l. Explain any difference between date of inspection and signature dates. For an ABSENTEE insured, enter the date of the inspection AND the date of mailing the Production Worksheet for signature.

m. When any other adjuster or supervisor accompanied the adjuster on the inspection, enter the code number of the other adjuster or supervisor and date of inspection.

n. Explain the reason for a "No Indemnity Due" claim. "No Indemnity Due" claims are to be distributed in accordance with the AIP's instructions.

o. Explain any delayed notices or delayed claims as instructed in the LAM.

p. Document any authorized estimated acres, as instructed in the LAM, shown in Section I, column 19.

q. Document the method and calculation used to determine acres for the unit. Refer to the LAM.

r. Specify the type of insects or disease when the insured cause of damage or loss is listed as insects or disease. Explain why control measures did not work or if unavailable.

s. Document the name and address of the charitable organization when gleaned acreage is applicable. Refer to the LAM for more information on gleaning.

t. Document any other pertinent information, including any data to support any factors used to calculate the production. If on an attachment, enter "See attachment."

SECTION II – DETERMINED HARVESTED PRODUCTION

GENERAL INFORMATION:

(1) Account for ALL HARVESTED PRODUCTION (for **ALL ENTITIES** sharing in the crop) except production appraised BEFORE harvest and shown in Section I because the quantity cannot be determined later (e.g., released for other uses, etc.).

(2) For production commercially stored, sold, etc., enter the name and address of the processor as applicable in columns 49 through 52.

(3) If additional lines are necessary, the data may be entered on a continuation sheet. USE SEPARATE LINES FOR:

(a) Separate processor facilities.

(b) Varying shares; e.g., 50 percent and 75 percent shares on same unit.

(c) Varying types (if applicable), practices, guarantees, etc.

(4) There will generally be no harvested production entries in columns 47 through 66 for preliminary inspections.

(5) If there is harvested production from more than one insured practice (or type) and a separate approved APH yield has been established for each, the harvested production also must be entered on separate lines in columns 47 through 66 by type or practice. If production has been commingled, refer to the LAM.

Verify or make the following entries:

Item No.	**Information Required**
43.	**Date Harvest Completed: (Used to determine if there is a delayed notice or a delayed claim. Refer to the LAM.)** **PRELIMINARY:** MAKE NO ENTRY. **FINAL:** a. The earlier of the date the ENTIRE acreage on the unit was (1) harvested, (2) totally destroyed, (3) put to other use, (4) a combination of harvested, destroyed, or put to other use, or (5) calendar date for the end of the insurance period. b. If at the time of final inspection (if prior to the end of the insurance period), there is any unharvested insured acreage remaining on the unit that the insured does not intend to harvest, enter **"Incomplete**."

c. If at the time of final inspection (if prior to the end of the insurance period), **none** of the insured acreage on the unit has been harvested, and the insured does not intend to harvest such acreage, enter **"No Harvest."**

d. If the case involves a Certification Form, enter the date from the Certification Form when the entire unit is put to another use, etc. Refer to the LAM.

44. **Damage Similar to Other Farms in the Area?:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Check "Yes" or "No." Check "Yes" if the amount and cause of damage due to insurable causes is similar to the experience of other farms in the area. If "No" is checked, explain in the "Narrative."

45. **Assignment of Indemnity?:** Check "Yes" **only** if an assignment of a indemnity is in effect for the crop year; otherwise, check "No." Refer to the LAM.

46. **Transfer of Right to Indemnity?:** Check "Yes" **only** if a transfer of right to indemnity is in effect for the unit for the crop year; otherwise, check "No." Refer to the LAM.

47a. **Share:** RECORD ONLY VARYING SHARES on SAME unit to three decimal places.

47b. **Field ID:**

a. If only one practice and/or type of harvested production is listed in Section I, MAKE NO ENTRY.

b. If more than one practice or type of harvested production is listed in Section I, and a separate approved APH yield exists, indicate for each practice/type the corresponding Field ID (from Section I, column 16).

48. **Multi-Crop Code:** The applicable two-digit code for first crop and second crop. REFER TO THE LAM FOR INSTRUCTIONS REGARDING ENTRY OF FIRST CROP AND SECOND CROP CODES.

49-55. **Length or Diameter, Width, Depth, Deductions, Net Cubic Feet, Conversion Factor, and Gross Prod.:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Enter the name and address of the buyer, packinghouse, or processor for processing beans sold, as applicable.

56. **Bu., Ton, Lbs., Cwt.:** Circle "Ton" in column heading. Production in **TONS**, to tenths.

a. Enter the usable tons of processing beans shown on the processor settlement sheet, if available.

b. If a processor settlement sheet showing the usable tons of beans is not available, enter the result obtained by dividing the total dollar amount paid, payable, or which should have been paid under the terms of the processor contract for the quality and quantity of beans to be delivered to the processor by the base contract price per ton. Show the calculations in the "Narrative" of the Production Worksheet.

c. Include all harvested processing bean production from any other insurable units that have been used to fulfill the processor contract for this unit.

d. For Chickpea/Garbanzo, Large Kabuli bean ONLY (if consent has been given to harvest as dry): Enter to the nearest tenth of a ton, the amount of dry chickpea production after deduction of dockage. No quality adjustment is allowed on this production.

57. **Shell/Sugar Factor:** For Chickpea/Garbanzo, Large Kabuli beans ONLY (if consent has been given to harvest as dry): In the column heading, cross out "Shell/Sugar" and enter the factor of 2.0 to determine the Chickpea/Garbanzo, Large Kabuli bean green weight equivalent. Otherwise, MAKE NO ENTRY.

58.-60. MAKE NO ENTRY

61. **Adjusted Production:** Multiply column 56 times column 57, in tons to tenths. If no entry in column 57, enter tons to tenths from column 56.

62. **Production Not to Count:** Enter the net production NOT to count, in tons to tenths, WHEN ACCEPTABLE RECORDS IDENTIFYING SUCH PRODUCTION ARE AVAILABLE, from harvested acreage, which has been assessed an appraisal of not less than the guarantee per acre, or from other sources (e.g. other units or uninsured acreage).

THIS ENTRY MUST NEVER EXCEED PRODUCTION SHOWN ON THE SAME LINE. EXPLAIN ANY "PRODUCTION NOT TO COUNT" IN THE NARRATIVE.

63. **Production Pre-QA:** Result of subtracting column 62 from column 61 in tons to tenths.

64a.-65. MAKE NO ENTRY.

66. **Production to Count:** Enter result from column 63 in tons to tenths.

67. Total of column 63. If no entry in column 63, MAKE NO ENTRY.

68. **Section II Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total of column 66, to tenths.

69. **Section I Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Enter figure from Section I, column 38 total.

70. **Unit Total:**

PRELIMINARY: MAKE NO ENTRY.

FINAL: Total of item 68 and item 69, to tenths.

71. **Allocated Prod:** Refer to paragraphs 126 C (1-3) and 127 of the LAM for instructions for determining allocated production. Enter the total production in tons to tenths, allocated to this unit that is included in Section I or II of the Production Worksheet. Document how allocated production was determined and record supporting calculations in the "Narrative" or on a Special Report.

72. **Total APH Prod:** Result, rounded in tons to tenths, of subtracting the total of column 37 (item 42 "Totals") and item 71 (Allocated Prod.) from item 70 (Unit Total). If no entries in item 37 and item 71, transfer the entry in item 70. MAKE NO ENTRY when separate APH yields are maintained by type, practice, etc., within the unit.

The following required entries are not illustrated on the Production Worksheet examples below.

73. **Insured's Signature and Date:** Insured's (or insured's authorized representative's) signature and date. BEFORE obtaining the signature, REVIEW ALL ENTRIES on the Production Worksheet WITH THE INSURED (or the insured's authorized representative), particularly explaining codes, etc., that may not be readily understood.

Final indemnity inspections should be signed on bottom line.

74. **Adjuster's Signature, Code #, and Date:** Signature of adjuster, code number, and date signed **after** the insured (or insured's authorized representative) has signed. For an absentee insured, enter adjuster's code number ONLY. The signature and date will be entered AFTER the absentee has signed and returned the Production Worksheet.

Final indemnity inspections should be signed on the bottom line.

75. **Page:**

PRELIMINARY: Page numbers – "1," "2," etc., at the time of inspection.

FINAL: Page numbers – (Example: Page 1 of 1, Page 1 of 2, Page 2 of 2, etc.).

PRODUCTION WORKSHEET

1. Crop/Code #	2. Unit #	3. Location Description			
Processing Bean 0046	0001-0001-BU	SW1 – 96N – 30W			
4. Date(s) of Damage	MAY	JUN 11			
5. Cause(s) of Damage	DROUGHT	HAIL			
6. Insured Cause %	80	X			
12. Additional Units					
13. Est. Prod. Per Acre	1.0				

7. Company: ANY COMPANY
Agency: ANY AGENCY

8. Name of Insured: I.M. INSURED

9. Claim #: XXXXXXXX

11. Crop Year: YYYY

10. Policy #: XXXXXXX

14. Date(s) Notice of Loss: 1st MM/DD/YYYY; 2nd; Final MM/DD/YYYY

15. Companion Policy(s)

SECTION I – DETERMINED ACREAGE APPRAISED, PRODUCTION AND ADJUSTMENTS

A. ACTUARIAL

B. POTENTIAL YIELD

16. Field ID	17. Multi-Crop Code	18. Reported Acres	19. Determined Acres	20. Interest or Share	21. Risk	22. Type	23. Class	24. Sub-Class	25. Intended Use	26. Irr Practice	27. Cropping Practice	28. Organic Practice	29. Stage	30. Use of Acreage	31. Appraised Potential	32a. Moisture % / 32b. Factor	33. Shell %, Factor, or Value	34. Production Pre QA	35. Quality Factor	36. Production Post QA	37. Uninsured Causes	38. Total to Count
2A	NS		4.3	1.000	A01	302					113		UH	PLOWED	0.4			1.7		1.7		1.7
2B	NS		6.5	1.000	A01	302					113		UH	TO PLOW	0.3			2.0		2.0		2.0
3	NS		10.0	1.000	A01	302					113		UB	BY-PASSED	0.0			0.0		0.0		0.0
1	NS		10.0	1.000	A01	302					113		H	H								
		39. TOTAL	30.8														42. TOTALS	3.7		3.7		3.7

40. Quality: TW ☐ KD ☐ Aflatoxin ☐ Vomitoxin ☐ Fumonisin ☐ Garlicky ☐ Dark Roast ☐ Sclerotinia ☐ Ergoty ☐ CoFo ☐ Other ☐ None ☒

41. Mycotoxins exceed FDA, State or other health organization maximum limits? Yes ☐

NARRATIVE (If more space is needed attach a Special Report):

Field 2A determined acres by wheel measurement. Fields 1 and 2B determined acres from permanent field measurements.

Line 2 – No appropriate processor settlement sheet available. $400 (Total Dollar Amount) ÷ $90 per ton (Base Contract Price) = 4.4 tons

SECTION II – DETERMINED HARVESTED PRODUCTION

43. Date Harvest Completed: MM/DD/YYYY

44. Damage similar to other farms in the area? Yes [X] No [ ]

45. Assignment of Indemnity Yes [ ] No [X]

46. Transfer of Right to Indemnity? Yes [ ] No [X]

A. MEASUREMENTS

B. GROSS PRODUCTION

C. ADJUSTMENTS TO HARVESTED PRODUCTION

47a. Share / 47b. Field ID	48. Multi-Crop Code	49. Length or Diameter	50. Width	51. Depth	52. Deduction	53. Net Cubic Feet	54. Conversion Factor	55. Gross Prod.	56. Bu (Ton) Lbs. Cwt.	57. Shell/ Sugar Factor	58a. FM% / 58b. Factor	59a. Moisture % / 59b. Factor	60a. Test WT / 60b. Factor	61. Adjusted Production	62. Prod. Not to Count	63. Production Pre-QA	64a. Value / 64b. Mkt. Price	65. Quality Factor	66. Production to Count
		ANY PROCESSOR ANY TOWN, ANY STATE							2.2					2.2		2.2			2.2
		ACME ELEVATOR ANY TOWN‹ ANY STATE							4.4					4.4		4.4			4.4

67. TOTAL	6.6	
68. Section II Total		6.6
69. Section I Total		3.7
70. Unit Total		10.3
71. Allocated Prod.		
72. Total APH Prod.		10.3

This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).

NOTES

10. REFERENCE MATERIAL

TABLE A - MINIMUM REPRESENTATIVE SAMPLE REQUIREMENTS

ACRES IN FIELD OR SUBFIELD	MINIMUM NUMBER SAMPLES
0.1 - 10.0	**3**
One additional sample is required for each additional 40.0 acres (or fraction thereof) in field or subfield.	

TABLE B - ROW LENGTH SAMPLE REQUIREMENTS AND DESIRABLE STAND, PLANTS PER FOOT, IN RELATION TO ROW SPACING

Row Width (Inches) Average distance between rows	Length of Row (feet to tenths)		Desirable Plant Stand (per foot of row)			
	1/1000 Acre (Feet)	1/2000 Acre (Feet)	Lima	Baby Lima	Snap	Chickpea / Garbanzo, Large Kabuli
10	52.5	26.2	0.8	1.4	1.9	3.0
12	43.6	21.8	1.0	1.7	2.3	3.6
14	37.2	18.6	1.2	2.0	2.7	4.2
16	32.8	16.4	1.3	2.3	3.1	4.8
18	29.0	14.5	1.5	2.6	3.5	5.4
20	26.1	13.0	1.7	2.8	3.8	6.0
22	23.8	11.9	1.8	3.1	4.2	6.6
24	21.8	10.9	2.0	3.4	4.6	7.2
26	20.1	10.0	2.2	3.7	5.0	7.8
28	18.7	9.3	2.3	4.0	5.4	8.4
30	17.4	8.7	2.5	4.3	5.8	9.0
32	16.3	8.2	2.7	4.5	6.1	9.6
34	15.4	7.7	2.8	4.8	6.5	10.2
36	14.5	7.3	3.0	5.1	6.9	10.8
38	13.8	6.9	3.2	5.4	7.3	11.4
40	13.1	6.5	3.3	5.7	7.7	12.0
Square-Foot Factor	43.6	21.8	---	---	---	---

For row widths not listed in **TABLE B**, use the following formula:

$$\frac{43{,}560 \text{ sq. ft./acre} \div \left[\frac{\text{row width in inches}}{12\text{”}}\right]}{\text{1,000 ft. or 2,000 ft.}}$$

(for 1/1000 acre) (for 1/2000 acre)

EXAMPLE:

$$\frac{43{,}560 \text{ sq. ft./acre} \div \left[\frac{25\text{”}}{12\text{”}}\right]}{1{,}000 \text{ ft.}} = \frac{43{,}560 \text{ sq. ft.} \div 2.08}{1{,}000 \text{ ft}} = \frac{20{,}942}{1{,}000 \text{ ft}} = 20.94 \text{ ft. or } 20.9 \text{ ft. row length}$$

Desirable plant population is 1.0 bean plants per square foot for Lima, 1.7 bean plants per square foot for Baby Lima, 2.3 bean plants per square foot for Snap, and 3.6 bean plants per square foot for Chickpea/Garbanzo, Large Kabuli. Desirable plant stand per foot of row is derived by multiplying the desirable bean plants per square foot times the row width in feet, rounding the final result to tenths.

In the case of plant-stands which appear to be unreasonable compared to the “Normal Stand” (Refer to **TABLE H**), defer appraisal to allow harvest of representative strips and document on a Special Report. BE CERTAIN ORIGINAL PLANT DENSITY DOES NOT CONTRIBUTE TO OR ENHANCE THE SEVERITY OF A LOSS. Such contribution must be deemed due to an insurable cause.

TABLE C - STAND REDUCTION CHART FOR LIMA/BABY LIMA, CHICKPEA/GARBANZO, LARGE KABULI BEANS

Percent Stand Remaining	90	80	70	60	50	40	30	20	10
Stage of Growth at DOD	**PERCENT OF LOSS**								
V1 to V3	3	4	6	8	9	17	26	46	65
V4	4	6	8	11	13	23	35	58	70
V5	5	8	11	14	17	30	44	60	73
R1	5	9	13	16	19	33	46	63	76
R2	5	11	16	21	25	38	50	66	77
R3	6	13	20	26	32	44	55	68	80
R4	6	15	23	31	38	49	59	72	83
R5	7	18	27	36	45	55	64	75	85

AFTER STAGE R-5, USE THE AFTER PODDING APPRAISAL METHOD.
Refer to subsection 8C(1), item 18 for interpolation instructions.

TABLE D - STAND REDUCTION CHART FOR SNAP BEANS.

Percent Stand Remaining	95	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5
Stage of Growth at DOD	**PERCENT OF LOSS**																		
V-1 V-2 V-3	2	4	6	8	10	12	14	17	21	25	29	34	40	47	55	64	74	83	91
V4	3	5	7	9	11	14	16	19	23	27	31	36	42	49	57	66	75	86	92
V5	3	6	8	11	13	16	18	22	25	30	34	39	45	52	59	68	77	86	92
V6	4	7	9	13	15	18	21	25	28	34	37	43	48	54	62	70	79	87	93
R-7	4	8	11	16	18	21	25	29	35	39	42	48	53	59	65	73	81	88	94
R-8	4	9	13	18	21	25	30	34	40	44	48	54	59	64	69	76	83	89	95

Refer to subsection 8C(1), item 18 for interpolation instructions.

TABLE E - PLANT DEFOLIATION CHART FOR LIMA/BABY LIMA, CHICKPEA/GARBANZO, LARGE KABULI BEANS

Stage of Growth at DOD	DEFOLIATION PERCENT																		
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
V1	0	0	0	0	0	0	0	0	0	3	5	9	13	17	22	27	32	37	42
V2	0	0	0	0	0	0	2	4	5	8	10	4	18	22	27	32	37	42	47
V3	1	2	3	3	5	5	7	9	10	13	15	19	23	27	32	37	42	47	52
V4	2	4	5	6	8	9	11	14	15	18	21	25	28	32	36	40	45	49	53
V5	3	5	6	8	10	12	13	17	18	21	24	28	31	34	38	42	46	50	54
R1	4	6	7	10	12	14	16	19	21	24	27	31	34	37	40	44	48	51	55
R2	5	8	10	13	16	18	20	23	26	29	32	36	39	42	45	49	53	56	60
R3	6	10	13	17	20	23	25	28	31	34	37	41	44	47	51	55	59	63	66
R4	7	12	16	21	24	27	30	33	36	39	42	46	49	52	56	60	64	68	72
R5	9	14	19	24	28	32	35	38	42	45	48	51	54	58	62	66	70	74	78
R6	8	12	17	22	25	28	31	33	37	39	42	44	47	53	57	62	67	72	77
R7*	7	10	14	17	21	24	26	28	31	33	35	37	41	47	52	58	64	70	76

Refer to subsection 8C(1), item 18 for interpolation instructions.

* Only applies to Lima/Baby Lima Beans

TABLE F - PLANT DEFOLIATION CHART FOR SNAP BEANS

Stages V & R	Stage of Growth at DOD	DEFOLIATION PERCENT																			
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
		PERCENT OF LOSS																			
V1	Emergence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V2	Seedling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V3	1st Trifoliolate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6
V4	2nd Trifoliolate	0	0	0	0	1	1	2	2	3	3	4	5	6	7	8	9	10	11	12	13
V5	3rd Trifoliolate	0	1	2	2	3	3	4	4	5	6	7	8	9	10	12	14	16	18	21	24
V6	1st Bloom	0	2	3	4	5	5	6	7	7	8	9	12	14	16	17	21	25	29	32	36
R7	Early Bloom	1	2	4	5	6	6	7	8	10	11	13	16	19	20	23	28	34	39	45	50
R8	Full Bloom	2	3	4	7	8	9	10	11	12	13	15	18	22	24	27	34	42	48	56	62
R9	Early Pod Set	2	4	5	8	9	10	11	12	13	15	16	19	23	25	28	35	43	49	57	63
R10	Pod Set	2	4	6	9	10	11	12	13	14	15	17	20	24	26	29	36	44	50	58	64
R11	Pod Development	1	2	4	6	7	8	9	10	11	12	15	17	19	20	22	28	34	39	45	50
R12	Pre-Harvest	0	1	2	3	4	5	6	7	8	9	10	11	12	14	16	20	24	28	33	37
R13	Harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Refer to subsection 8C(1), item 18 for interpolation instructions.

TABLE G - YIELD FACTOR

YIELD FACTOR	
Baby Lima	97.0
Chickpea/Garbanzo, Large Kabuli	18.0
Lima	60.0

TABLE H - NORMAL POD NUMBER, BEANS/POD, AND STAND

	NORMAL POD NUMBER	NORMAL BEANS/POD	NORMAL STAND (PLANTS/ACRE)
Baby Lima	25 pods per plant	3	73,500
Chickpea/Garbanzo, Large Kabuli	7 pods per plant	1	156,000
Lima	25 pods per plant	3	42,000
Snap	20 pods per plant	N/A	100,500